The GODAE High Resolution SST Long-Term Stewardship and Reanalysis Facility at the U.S. NODC

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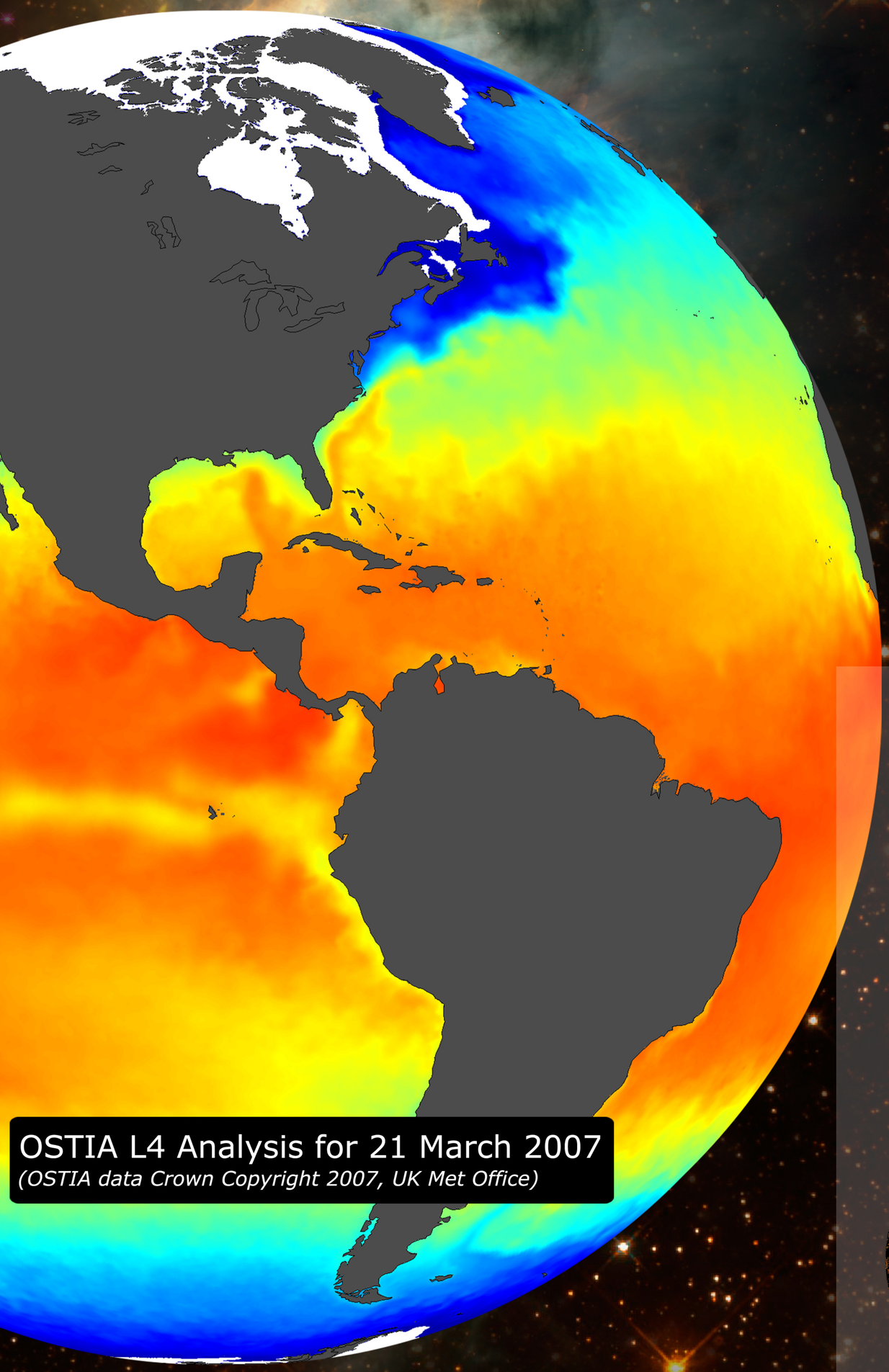

OSTIA L4 Analysis for 21 March 2007

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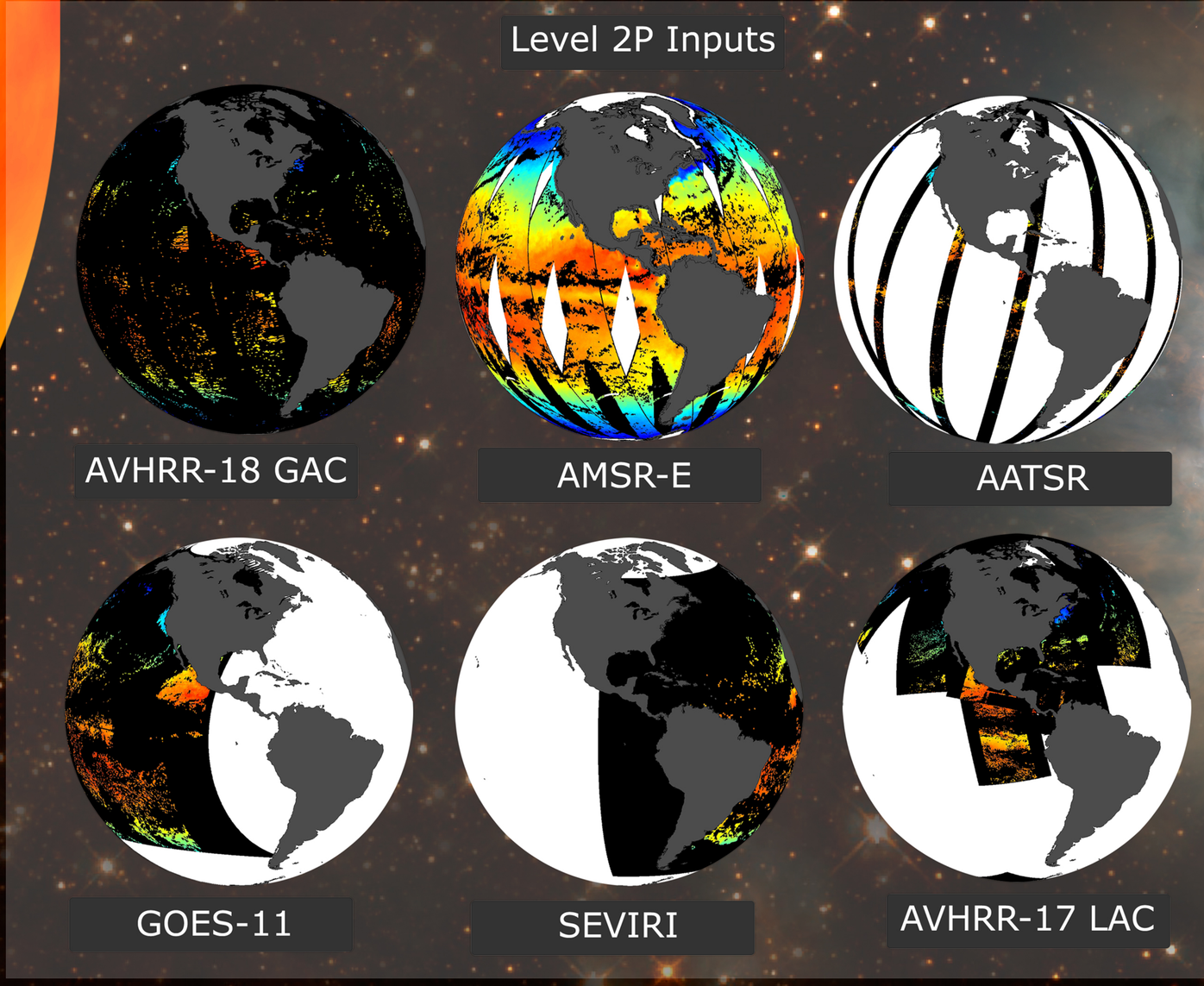
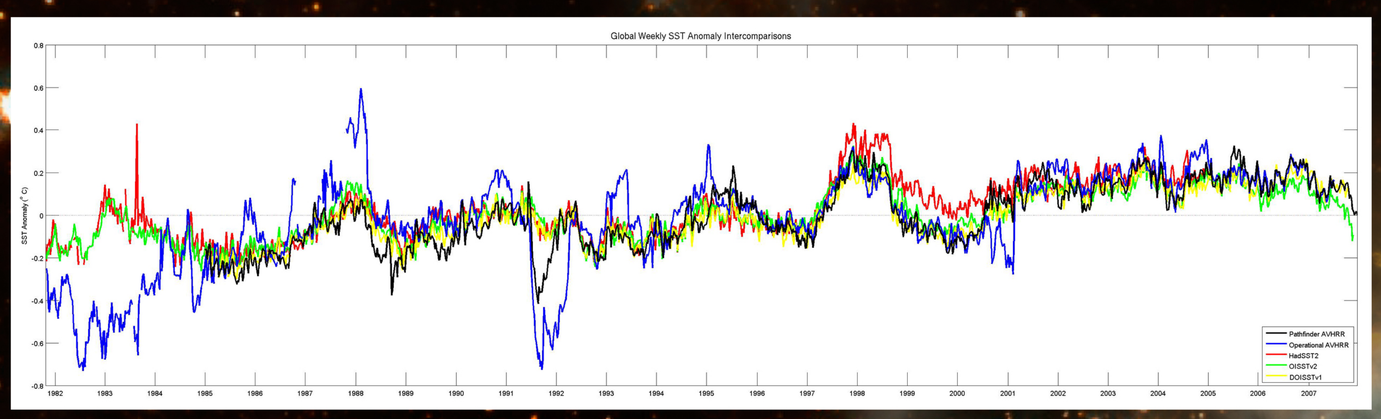
The Long Term Stewardship and Reanalysis Facility (LTSRF) at NOAA's National Oceanographic Data Center (NODC) serves as the perpetual archive and coordinating center for GODAE High Resolution Sea Surface Temperature Pilot Project (GHRSST-PP) reanalysis activities. Discussions beginning in 2002 led to formal operations in 2006. Since that time, automated archive operations have been successfully maintained with nearly 100% reliability. Each day, approximately 1000 netCDF files and over 25 gigabytes are brought into the archive from a variety of satellite sensors and data production systems. The archive has grown to 16 TB in 2008 and includes regional and global Level 4 (L4) analyses and Level 2 Preprocessed (L2P) data for nearly all satellite sensors capable of observing SST. User accesses have also grown rapidly and extensive progress has been made in meeting the two primary goals of GHRSST reanalysis: to develop improved reanalysis climate data records for SST and to connect satellite-based SST analyses with the longer time series of ship-based SST reconstructions.



	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007 2008
(A)ATSR																											
GOES																											
SEVIRI																											
AMSRE																											
MODIS																											
AVHRR																											
TMI																											

Sensor not in operation or capable of SST observations	
No plans yet for GHRSST L2P	
Efforts underway or proposed for GHRSST L2P	
Data available in GHRSST L2 P	



GHRSST-PP

GODAE High Resolution Sea Surface Temperature Pilot Project